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OIPE	CITAT	ION	·	TITLE MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD			
JUL 2 7 1998	O PTO-1	449		APPLICANT Edward J. Gough,	et al.		
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		U	S. PATENT DO	DCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE
M	Re. 32,057	12/85	LEVEEN			İ	
	Re. 32,066	1/86	LEVEEN				
	Re. 34,086	10/92	GEORGE				
	3,474,777	10/69	FIGGE, ET AL				
	3,834,392	9/74	LAMPMAN, E	T AL.			_
	3,858,586	1/75	LESSEN				
	3,987,795	10/76	MORRISON,	JR.	<u></u>		
	3,991,770	11/76	LEVEEN				
	4,011,872	3/77	KOMIYA		,		
	4,016,881	4/77	RIOUX, ET AL				
	4,016,886	4/77	DOSS				
	4,026,301	5/77	FRIEDMAN, E	T AL.			
	4,033,351	7/77	HETZEL				
9	4,043,342	8/77	MORRISON,	JR.			
NIP	4,074,718	2/78	MORRISON,	JR.			
		FOR	EIGN PATENT	DOCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE	со	DUNTRY	CLASS	SUBCLASS	Translation Yes No
	DE 10.07.960	10/57	GERMANY				34024GH054
NOW WATER TO SEE	DE 21 24 684	11/73	GERMANY				
	DE.39-30-451-A	.3/91	GERMANY		2012 2 Company		The second section of the second
Constant Constant		7/92	*GERMANY		The state of the s		****
	-DE-38-38-840-A	5/90	GERMANY	The Control of the Co		A SOCIORANO DE CONTROL	-
~		-3/90	-GERMANY	The Court Books Holls (Consultation Consultation Consulta	Security and the last	MARKET MARKET STATE OF STATE OF	PROPERTY AND
	OTHER DOC	UMENTS (In	cluding Autho	r, Title, Date, Perti	nent Pag	jes, Etc.)	
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ATTY. DOCKET NO. APPLICATION NO. 08/963,239 13724-787 INFORMATION DISCLOSURE TITLE CITATION MULTIPLE ANTENNA ABLATION APPARATUS AND **METHOD** PTO-1449 **APPLICANT** Edward J. Gough, et al. **GROUP** FILING DATE 3309 November 3, 1997 RADEMAR U.S. PATENT DOCUMENTS **FILING EXAMINER'S** NAME CLASS **SUBCLASS** INITIALS PATENT NO. DATE DATE **LEVEEN** 4.080.959 3/78 4/78 **WEAVER** 4,085,756 4, 095,602 6/78 **LEVEEN** 4,119,102 10/78 **LEVEEN** 10/78 **WHALLEY** 4,121,592 4,140,130 2/79 STORM, III 4,154,246 5/79 **LEVEEN** 10/80 4,230,129 **LEVEEN** 4,237,898 12/80 WHALLEY 5/81 **ADAIR** 4,269,174 8/81 **ARMITAGE** 4,285,346 9/81 NORDENSROM, ET AL. 4,289,135 4,290,435 9/81 WAGGOTT **FOREIGN PATENT DOCUMENTS** Translation **EXAMINER'S CLASS** SUBCLASS PATENT NO. DATE COUNTRY Yes **INITIALS** EP 0 370 890 A 5/90 **EUROPE** EP 0 462 302 A 12/91 **EUROPE** EP 0 472 368B1 2/92 **EUROPE EUROPE** EP 0 502 268 A 9/92 EP 0 519 415 A 12/92 **EUROPE** 10/93 'EP'0"566"450B1" EUROPE EP 0 608 609 A 8/94 **EUROPE** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

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		U.	S. PATENT DO	CUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	N	IAME	CLASS	SUBCLASS	FILII DA	
mg	4,303,636	12/81	GORDON					
	4,331,654	5/82	MORRIS					
	4,337,760	7/82	RUBIN					
	4,345,588	8/82	WIDDER, ET	AL.				
	4,346,715	8/82	GAMMELL					
	4,375,220	3/83	MATVIAS		<u> </u>			
	4,409,993	10/83	FURIHATA	_				
	4,411,266	10/83	COSMAN					
	4,418,692	12/83	GUAY		<u> </u>			
	4,461,283	7/84	DOI					
	4,506,680	3/85	STOKES					
	4,512,762	4/85	SPEARS					
	4,524,770	6/85	ORANDI		-			
	4,532,924	8/85	AUTH, ET AL.				***	
	4,545,368	10/85	RAND, ET AL.	•				
N AAP	4,562,838	1/86	WALKER					
, VV	1	FOR	EIGN PATENT	DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	СО	DUNTRY	CLASS	SUBCLASS	Trans Yes	ation No
	FR-2-283-701	-4/76	FRANCE					
	FR 2 670 664 A	6/92	-FRANCE					F
-	-JP-2-121675	-5/90	-JAPAN					
	JP 63-275632	11/88	JAPAN					
	OTHER DOC	UMENTS (Inc	cluding Author	r, Title, Date, Perti	nent Pag	jes, Etc.)		
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EXAMINER'S INITIALS	PATENT NO.	DATE	N	IAME	CLASS	SUBCLASS	FILING DATE
MP	4,565,200	1/86	COSMAN				
VOQ	4,574,782	3/86	BORRELLI, E	T AL.			
	4,583,556	4/86	HINES, ET AL	-			-
	4,586,490	5/86	KATZ				
	4,601,296	7/86	YERUSHALM	1			
	4,648,892	3/87	KITTRELL, ET	ΓAL.			
	4,652,257	3/87	CHANG				
-	4,658,819	4/87	HARRIS, ET A	AL.			
	4,660,571	4/87	HESS, ET AL.				
	4,662,359	5/87	GORDON				
	4,676,258	6/87	INOKUCHI, E	T AL.			
	4,690,130	9/87	MIRELL				
	4,692,139	9/87	STILES				
V	4,709,701	12/87	WEBER				
rip	4,753,248	6/88	ENGLER, ET	AL.			
1-31		FOR	EIGN PATENT	DOCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE	co	DUNTRY	CLASS	SUBCLASS	Translation Yes No
w	WO 92/10142	6/92	PCT	•			
	WO 94/04220	3/94	PCT				
	WO 94/10925	5/94	PCT				
	WO 94/11059	5/94	PCT		حــــــ		
	WO 94/17856	8/94	PCT				
W IN	WO 94/25110	11/94	PCT				
ų 🗸 V	OTHER DOC	UMENTS (In	cluding Autho	r, Title, Date, Perti	nent Paç	jes, Etc.)	•
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			U.	S. PATENT DO	CUMENTS			
EXAMIN		PATENT NO.	DATE	N	IAME	CLASS	SUBCLASS	FILING DATE
A)		4,763,671	8/88	GOFFINET				:
		4,776,086	10/88	KASEVICH, E	T AL.			
	-	4,800,899	1/89	ELLIOTT				
		4,813,429	3/89	ESHEL, ET AI	L.			
		4,818,542	4/89	DELUCA, ET	AL.			
		4,823,791	4/89	D'AMELIO, ET	ΓAL.			
1		4,823,793	4/89	ANGULO, ET	AL.			
		4,825,880	5/89	STAUFFER, E	T AL.			
-		4,838,265	6/89	COSMAN, ET	AL.			
		4,846,196	7/89	WIKSELL, ET	AL.	_		
· · <u>-</u>		4,860,744	8/89	JOHNSON, E	T AL.			
		4,862,887	9/89	WEBER, ET A	NL.			
		4,881,543	11/89	TREMBLY, ET	ΓAL.			
0		4,887,614	12/89	SHIRAKAMI, I	ET AL.			
N	W.	4,907,589	3/90	COSMAN				
			FOR	EIGN PATENT	DOCUMENTS			
EXAMIN INITIA		PATENT NO.	DATE	co	DUNTRY	CLASS	SUBCLASS	Translation Yes No
- W	W	WO 94/26178	11/94	PCT				
1		WO 95/19142	7/95	PCT				
	-	WO 95/25471	9/95	PCT				
		WO 96/04860	2/96	PCT				
<i>N</i>	/_	WO 96/29946	10/96	PCT				
۱۷)	R	WO 97/06739	2/97	PCT				
٧		OTHER DOC	UMENTS (In	cluding Autho	r, Title, Date, Perti	nent Pag	jes, Etc.)	
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all a	4,920,978	5/90	COLVIN					
-	4,931,047	6/90	BROADWIN, I	ET AL.				
	4,940,064	7/90	DESAI					
	4,945,912	8/90	LANGBERG				•	
	4,947,842	8/90	MARCHOSKY	, ET AL.			<u>-</u>	
	4,950,267	8/90	ISHIHARA, ET	ΓAL.				
	4,962,761	10/90	GOLDEN					
1	4,963,364	10/90	FOX, ET AL.					
	4,966,604	10/90	REISS					
	4,976,680	12/90	HAYMAN, ET	AL.				
	4,976,711	12/90	PARINS, ET A	\L.				
	4′,983,159	1/91	RAND					
	4,985,022	1/91	FEARNOT, E	T AL.			50	
	4,989,601	2/91	MARCHOSKY	, ET AL.				
	5,003,991	4/91	TAKAYAMA, I	ET AL.				
	5,007,908	4/91	RYDELL					
	5,009,656	4/91	REIMELS				-	
	5,010,897	4/91	LEVEEN				-	
	5,011,483	4/91	SLEISTER	···				
NIP	5,013,312	5/91	PARINS, ET	AL.				
		FOR	EIGN PATENT	DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	cc	DUNTRY	CLASS	SUBCLASS	Translation Yes No	
	OTHER DOC	UMENTS (In	cluding Autho	r, Title, Date, Perti	nent Paç	jes, Etc.)		
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EXAMINER'S INITIALS	PATENT NO.	DATE	N	IAME	CLASS	SUBCLASS	FILING DATE	
NU	5,015,227	5/91	BROADWIN, I	ET AL.	~			
	5,016,615	5/91	DRILLER, ET	AL.				
	5,026,959	6/91	ITO, ET AL.					
	5,047,027	9/91	RYDELL	-				
	5,055,100	10/91	OLSEN					
	5,057,107	10/91	PARINS, ET A	\L. .			-	
	5,059,199	10/91	OKADA, ET A	L				
	5,067,952	11/91	GUDOV, ET A	AL.			•	
	5,071,419	12/91	RYDELL, ET	AL.	~			
	5,078,717	1/92	PARINS, ET A	NL.				
	5,080,660	1/92	BUELNA				•	
	5,083,565	1/92	PARINS				· · · · · ·	
	5,084,001	1/92	VAN'T HOOF	T, ET AL.				
	5,084,045	1/92	HELENOWSK	(1				
	5,085,659	2/92	RYDELL					
	5,099,756	3/92	FRANCONI, E	ET AL.				
	5,100,423	3/92	FEARNOT					
	5,115,818	5/92	HOLLEMAN, I	ET AL.		· · · · · · · · · · · · · · · · · · ·		
	5,119,832	6/92	XAVIER					
NA	5,122,137	6/92	LENNOX					
		FOR	EIGN PATENT	DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	СО	UNTRY	CLASS	SUBCLASS	Translation Yes No	
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INFO	RMATION	DISCI O	SURF	ATTY. DOCKET NO. 13724-787		APPLICATION NO. 08/963,239	
011	CITAT	ION		TITLE MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD			
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EXAMINER'S INITIALS	PATENT NO.	DATE		IAME	CLASS	SUBCLASS	FILING DATE
M	5,125,928	6/92	PARINS, ET A	\L			_
	5,128,147	7/92	LEVEEN, ET	AL.			
	5,156,151	10/92	IMRAN				
	5,167,626	12/92	CASPER, ET	AL.			
	5,169,396	12/92	DOWLATSHA	HI, ET AL.			
	5,170,789	12/92	NARAYAN, E	Γ AL.			
	5,170,805	12/92	KENSEY, ET	AL.			
	5,178,620	1/93	EGGERS, ET	AL.			
	5,183,455	2/93	HAYMAN, ET	AL.			
	5,190,517	3/93	ZIEVE, ET AL	•			
	5,190,539	3/93	FLETCHER, E	T AL.			
	5,190,541	3/93	ABELE				
	5,190,766	3/93	ISHIHARA				
	5,197,466	3/93	MARCHOSKY	, ET AL.			
	5,197,963	3/93	PARINS				
	5,197,964	3/93	PARINS	-	<u> </u>		7
	5,203,353	4/93	EASLEY, ET	AL.			
	5,203,782	4/93	GUDOV, ET A	\L.			
	5,205,289	4/93	HARDY, ET A	L.			
W	5,207,675	5/93	CANADY				
,		FOR	EIGN PATENT	DOCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE	co	UNTRY	CLASS	SUBCLASS	Translation Yes No
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EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE
M	5,215,103	6/93	DESAI				
	5,217,458	6/93	PARINS				
	5,222,953	6/93	DOWLATSHA	HI			
	5,236,410	8/93	GRANOV, ET	AL.			
	5,236,424	8/93	IMRAN				
	5,246,438	9/93	LANGBERG				
	5,249,585	10/93	TURNER, ET	AL.			
	5,251,645	10/93	FENN				
	5,252,922	10/93	LARSON III				
	5,257,451	11/93	EDWARDS, E	T AL.			
	5,258,006	11/93	RYDELL, ET	۹L.			
	5,259,394	11/93	BENS				
	5,259,395	11/93	LI				• •
	5,267,994	12/93	GENTELIA, E	T AL.			
	5,273,535	12/93	EDWARDS, E	T AL.			
	5,275,162	1/92	EDWARDS, E	T AL.			
	5,277,696	1/94	HAGEN				
	5,281,213	1/94	MILDER, ET	AL.			
	5,281,217	1/94	EDWARDS, E	T AL.			,
ALP	5,281,218	1/94	IMRAN				
104		FOR	EIGN PATENT	DOCUMENTS			
EXAMINER'S INITIALS	PATENT NO.	DATE	co	OUNTRY	CLASS	SUBCLASS	Translation Yes No
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ND	5,363,861	11/94	EDWARDS, E	T AL.				
	5,365,926	11/94	DESAI					
	5,366,490	11/94	EDWARDS, E	T AL.				
	5,368,592	11/94	STERN, ET A	L.	~			
	5,370,675	12/94	EDWARDS, E	T AL.				
	5,370,678	12/94	EDWARDS, E	T AL.				
	5,383,876	1/95	NARDELLA					
-	5,383,917	1/95	DESAI, ET AL					
	5,385,544	1/95	EDWARDS, E	T AL.				
	5,397,339	3/95	DESAI					
	5,398,683	3/95	EDWARDS, E	T AL.				
	5,401,272	3/95	PERKINS					
	5,403,311	4/95	ABELE, ET AI	L				
	5,405,346	4/95	GRUNDY, ET	AL.				
	5,409,453	4/95	LUNDQUIST,	ET AL.				
	5,411,025	5/95	WEBSTER, JI	R.				
	5,417,687	5/95	NARDELLA					
1	5,421,819	6/95	EDWARDS, E	T AL.				
W	5,423,807	6/95	MILDER					
		FOR	EIGN PATENT	DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	co	DUNTRY	CLASS	SUBCLASS	Translation Yes No	
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EXAMINER'S INITIALS PATENT NO. DATE NAME CLASS SUBCLASS	DATE			
5,423,808 6/95 EDWARDS, ET AL.				
5,423,811 6/95 IMRAN, ET AL.				
5,433,708 7/95 NICHOLS, ET AL.				
5,435,805 7/95 EDWARDS, ET AL				
5,437,662 8/95 NARDELLA				
5,437,664 8/95 COHEN, ET AL.				
5,456,662 10/95 EDWARDS,ET AL.				
5,456,682 10/95 EDWARDS, ET AL.				
5,458,596 10/95 LAX, ET AL.				
5,458,597 10/95 EDWARDS, ET AL.				
5,462,521 10/95 BRUCKER, ET AL.				
5,470,308 11/95 EDWARDS,ET AL				
5,470,309 11/95 EDWARDS, ET AL.				
5,471,982 12/95 EDWARDS, ET AL.				
5,472,441 12/95 EDWARDS, ET AL.				
5,484,400 1/96 EDWARDS, ET AL.				
5,486,161 1/96 LAX, ET AL.				
5,500,012 3/96 BRUCKER, ET AL.				
5,505,730 4/96 EDWARDS				
5,507,743 4/96 EDWARDS, ET AL.				
FOREIGN PATENT DOCUMENTS				
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
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ATTY. DOCKET NO. APPLICATION NO. 13724-787 08/963,239 INFORMATION DISCLOSURE **CITATION** MULTIPLE ANTENNA ABLATION APPARATUS AND **METHOD** PTO-1449 **APPLICANT** Edward J. Gough, et al. **GROUP** FILING DATE November 3, 1997 3309 **U.S. PATENT DOCUMENTS FILING EXAMINER'S** PATENT NO. DATE NAME **CLASS SUBCLASS** DATE **INITIALS** 4/96 EDWARDS, ET AL. 5,509,419 5,514,130 5/96 **BAKER** 5/96 **EDWARDS** 5,514,131 5.520,684 5/96 **IMRAN** 7/96 EDWARDS, ET AL. 5,531,676 7/96 LUNDQUIST, ET AL. 5,531,677 7/96 EDWARDS, ET AL. 5,536,240 7/96 EDWARDS, ET AL. 5,536,267 5,540,655 7/96 EDWARDS, ET AL. 8/96 EDWARDS, ET AL. 5,542,915 8/96 HIRSCH, ET AL. 5,542,916 5,542,928 8/96 EVANS, ET AL. 8/96 **IMRAN** 5,545,161 8/96 5,545,171 SHARKEY, ET AL. 5,545,193 8/96 FLEISCHMAN, ET AL. FREDERIKSEN, ET AL. 5,546,267 8/96 8/96 EDWARDS, ET AL. 5,548,597 5,549,108 8/96 EDWARDS, ET. AL 5,549,644 8/96 LUNDQUIST, ET AL. 9/96 EDWARDS, ET AL. 5.554.110 **FOREIGN PATENT DOCUMENTS** Translation **EXAMINER'S** CLASS SUBCLASS **INITIALS** PATENT NO. DATE COUNTRY Yes OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

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AIP	5,620,481	4/97	DESAI, ET AL				
	5,609,151	3/97	MULIER, ET A	AL.	-		· <u></u>
	5,599,346	2/97	EDWARDS, E	T AL.			
	5,599,345	2/97	EDWARDS, E	T AL.			
	5,562,703	10/96	DESAI				· · · · · ·
	5,560,358	10/96	ARNOLD, ET	AL.			
	5,558,673	9/96	EDWARDS, E	T AL.			
	5,558,672	9/96	EDWARDS, E	T AL.			
w	5,556,377	9/96	ROSEN, ET A	L.	_		
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110	5,282,797	2/94	CHESS					
7	5,286,253	2/94	FUCCI				· · · · · ·	
	5,290,286	3/94	PARINS					
	5,293,869	3/94	EDWARDS, E	T AL.				
	5,295,955	3/94	ROSEN, ET A	L.				
	5,300,068	4/94	ROSAR, ET A	L.				
	5,300,069	4/94	HUNSBERGE	R, ET AL.	_			
	5,300,099	4/94	RUDIE					
	5,304,214	4/94	DEFORD, ET	AL.				
	5,309,910	5/94	EDWARDS, E	T AL.			•	
	5,313,943	5/94	HOUSER, ET	AL.				
	5,314,466	5/94	STERN, ET A	L.				
	5,322,503	7/94	DESAI					
	5,328,467	7/94	EDWARDS, E	T AL.				
	5,334,193	8/94	NARDELLA				***	
	5,334,206	8/94	DAIKUZONO				<u> </u>	
-	5,336,222	8/94	DURGIN, JR.,	ET AL.				
	5,342,357	8/94	NARDELLA	=				
	5,348,554	9/94	IMRAN, ET AL					
NY	5,354,296	10/94	TURKEL					
	1	FOR	EIGN PATENT	DOCUMENTS		1		
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